

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/S17,543
Source: PCT
Date Processed by STIC: 12-20-04

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 12/20/2004

PATENT APPLICATION: US/10/517,543

TIME: 13:10:36

Input Set : A:\3462.txt

Output Set: N:\CRF4\12202004\J517543.raw

3 <110> APPLICANT: Minobe, Yuzo
 4 Monna, Lisa
 5 Suzuki, Junko
 6 Ohta, Rieko
 7 Nemoto, Hiroshi
 8 Osamu, Ideta
 10 <120> TITLE OF INVENTION: Methods for Distinguishing Rice Varieties
 12 <130> FILE REFERENCE: 3462.1013-000
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/517,543
 C--> 15 <141> CURRENT FILING DATE: 2004-12-10
 17 <150> PRIOR APPLICATION NUMBER: JP 2002-168875
 18 <151> PRIOR FILING DATE: 2002-06-10
 20 <160> NUMBER OF SEQ ID NOS: 114
 22 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 900
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Oryza sativa
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 33 hit, mmm, fom, don, or ssk"
 34 /note=" "c" replaced with "t" "
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 38 <222> LOCATION: (438)
 39 <223> OTHER INFORMATION: /cultivar="ksh, krr, tgr, mnk, yma, tkh, akk, mtb,
 40 hit, mmm, fom, don, or ssk"
 41 /note=" "a" replaced with "g" "
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 45 <222> LOCATION: (593)
 46 <223> OTHER INFORMATION: /cultivar="ksh, krr, tgr, mnk, yma, tkh, akk, mtb,
 47 hit, mmm, fom, don, or ssk"
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 53 ttcggttcaa caaacaagat ataaagttca accagatttt acatttttga aaacctttta 180
 54 tctttacata tatcagtggg ggagttgaaa tgggagatac atcaactcta aattagagaa 240
 55 atttttagga tacaactaaa caagtttaac caaatttccc ttgtcctaaa cagcaaatga 300
 56 ttcagtgaca cattggggtg atttagcgac ttcaaaccta ttgtcttctt tttcattttt 360

(ps.6)

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59 agggctcagg ggctaaccac ctgcgaactt agggctctgg cctccgtctc ccgccttttc 540
60 gccgagagcc cgcaagggtga cagagtgcgg cgagggtcgac acttcggccg ttcgggggtcg 600
61 ccgcgtcggg cgtccggggcg gcgtcgtggt tcgggggact gagggcagct actcagctag 660
62 accgctggag cccaaaggaa tctaagggtta catgctgtct tgttgagcct attttatggg 720
63 cctgcgactt tgcagttagc cgaggcatat tgggaataaat ttaatttagg tctctcaatt 780
64 tgctcgtcag cctgaaattc atcactggac cgcaaaacta gatacatcgc attccccaac 840
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83 gggccctact ctctttgggc cagcatgtca gtgtcagcag aggatctcat tcctacagtc 180
84 aatccatgtg tgctactccg ttaaaaaaac gaattccaag ctacaaacct aaacacgttt 240
85 ttttggacgg aggggtatat ataaacaaaag aaaaagcact gtaggtacat aatatagtac 300
86 tagatcagtc ttattacagc tgttcaaaaa cagttcagta tatagtgaat ctagttggtc 360
87 tggtgctact gcagttaatt ggctctggtt gcttttggtg atctgttgct actgcagtta 420
88 attagctccg gttgcttagt tgatcaagtt aattagctct ggctgtgccc taatcaaaat 480
89 tcataatatag tagcttcaag cagcacatac cacctttcct accttctggt ggatactcct 540
90 ctcttttata atttctgcag taagcttgaa acataagtag acactgccat taattaaaca 600
91 agcacagtga attaaccagc atatgtgtaa tctgcatact aattaaatta gggtcgtgcc 660
92 agttcaaggc agccacaacc acatacaggc gatccatata ttgatttata tatctgatcc 720
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94 ttgattaatc aattttcttc atccaacgat ttaattatgc gtgattttaa tgattcgatc 840
95 ggtacagttt tttttctctt tcttcagtgc tagtgcttct actagtattc gtgacaataa 900
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108     yma, hez, akk, ash, ank, mtb, hnh, ymt, hit, mmm,
109     fom, don, knh, or ssk"
110     /note=" "a" replaced with "t" "
113 <220> FEATURE:
114 <221> NAME/KEY: variation

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115 <222> LOCATION: (356)
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128 /note=" "g" replaced with "a" "
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148 <222> LOCATION: (552)
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160 /note=" "a" replaced with "g" "
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165 acttctctatt tctagctgac ataatgagga ttgaggaaat aagtgtcttc ctatttcata 180
166 aacaaaagaa aagtaatttg agtcaaacag tcacatcact atttaagttt tgattcaatc 240
167 gatagtttga ttcataattac atctactatt tgatacgaga ctcaatgtct caactcttaa 300
168 gtctaaaagt aactttccaa tgctgcacaa aggtagtagt cagggacacg aagataagtg 360
169 gatgagaggc actgacaaag gtagccggcc aaccgcttgg cattgatggc gcttgcccg 420
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173 attcacaggt agaagcagga ttgtggctcg gctatgcatt aatgtgcgcc tctccgatta 660
174 acttgggtgc cccaaaaaaa ttgggggaca ctctatcatc gccaatgtcg cacacaacct 720
175 tcgacaggct tgcccattag tgtgacactc ctgcccacat cactgctcca ttgtcatcca 780
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193 tcctatataa atcctttgat tcaaagggcc ctaagtttcg tacgtgtgca actgtgcatc 180
194 cagcacgtac tactacgtac tcctatgtac ttgtagtgtg gtagcctata catatgcatg 240
195 aagcgttcca ggaaaaatag gagtctcagt aatttgtgca ggcatgcggc ccatggagta 300
196 atagaccatg ctgaataatt tcagttcaaa ttccatactc caactgtaat accatacgca 360
197 aaccatcaac ttacaatact gatatacttg acatttcaaa ataacatagc ctttggtttt 420
198 agctgacgta gcgactgagt aagctagcac gaggtcata tgggtcccac atgtcagcgg 480
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203 aatccctcgc cggaagtctg ccggagatct agcagagaag aggcgagaag aacagggtag 780
204 aaaggggaaa cacgaggaa cagctgggga ggaggatatt tttcatttct tcatgaatt 840
205 gttttctcaa tacagctgga gtatatatac tcacgcactc cccccctctt gcccttaggg 900
206 cccaccttgt catagacact tctatctata aagagtagaa gatgtattca cttctgaaaa 960
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216 <222> LOCATION: (163)
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218 fom, or don"
219 /note=" "t" replaced with "c" "
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224 ttggtctcgc tgaagcgtaa cgattggcag ataaagttgg attggatggg aatcggacga 180
225 gggagtcgaa cgtatagcaa cactccagaa gtaaagcagt aaaccgaaaa agttttgcta 240
226 tcacttgat gaccgtctcc acaagtggcg actggcacga catggccact cgacagaacc 300
227 gcacaacaaa tgctgatcct ttgccctat tccatgcgaa gttgcgactt gcgagtcttt 360

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230 cgtcgatagc gagcgatgct ggtaatcgtg accaatctcg ttcacgtcca ccttggtgac 540
231 gcgcacgtac gtcgctatat atgacaacgt cctgctacat atagccttgc tcactttcgg 600
232 actttgacgt atgtgaagag agcacgacta ggagccacta atcatatggg ttggtacatg 660
233 agaggatatg catgtttcac tttgcaccca acatgtactg tactcateta gtcatectac 720
234 tagtattttc catcggtgtc cctttctcct gtgatctctc gctttgcaca caaacctcgc 780
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255 /note=" "tgc" deleted"
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260 agaaggtgca gttgttcact tgttccctggc atcaacgtgt acggttgaac aaatcggtgg 180
261 atctcttatg gttaacgtgc cctgttgatg tctgaaaacc catctgttct ttgttctaac 240
262 tcctatctta tcctctcatt ttttttcgct tgggtctcaac ttcgtgttct actagttttg 300
263 aacgagtcac tcaactcggc tcgagagctc tgaacttctg aacaagccaa aatgctgtct 360
264 gaaccgagat cttcttggcg ctgtcagcct gtcacaaaact cgcaatccaa ttgcacttcc 420
265 agcggttgag caggttcaat tcaacatgac tttcatcagg agatggtaag ttaggaacag 480
266 attactgtca caactcaca cagttattac tactatcgca acaaagtcta gctgtcctta 540
267 tcctcatcga ctggatactt cagaacaag cataacagta gcattggagc aaaggacaca 600
268 gcatggctag aagtagatgc tgctgcctag agatatcatc tcgaattcat ggcatgaaca 660
269 aacgtcgttc atgcagccat gcaggaataa taagctcaga acaggattca ggacaaattc 720
270 aagctatcta caagcttgcc agcatcatca tattataata attgctttta tagtcagcaa 780
271 actcgtacag aatagccaga tccaaatttc cacaaactat atatcatcat caggaatttt 840
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 636

Seq#:19; N Pos. 3

VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:600

L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0